



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application of:

Michael L. Clark

Serial No.: 09/873,167

Filed: June 1, 2001

For: *Rotor Type Sprinkler with Insertable  
Drive Subassembly Including  
Horizontal Turbine and Reversing  
Mechanism*

Examiner: Christopher S. Kim

Group Art Unit: 3752

**RECEIVED**

MAR 08 2004

TECHNOLOGY CENTER R3700

#20/IDS  
3/17/04  
J. Brumley

**SECOND SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENT**

MS - IDS - NO FEE  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

In compliance with the duty of disclosure set forth under 37 CFR §1.56, transmitted herewith are Sheet 3 of 3 of Form PTO-1449, together with copies of the three (3) U.S. patent documents listed thereon. This Information Disclosure Statement is being submitted pursuant to 37 CFR §1.97(c). Accordingly, transmitted herewith is a \$180 check for the required fee.

03/04/2004 DTESSEM1 00000088 09873167

02 FC:1806

180.00 DP

Respectfully submitted,

*Michael H. Jester* 2/26/04

By: Michael H. Jester  
Attorney for Applicant(s)  
Registration No. 28,022

MAR 01 2004

PATENT &amp; TRADEMARK OFFICE

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PTO/SB/17 REV 1 (11/00)

Approved for use through 09/30/2000. omb 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

**FEE TRANSMITTAL**

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12 See 37 C.F.R. §§ 1.27 and 1.28

TOTAL AMOUNT OF PAYMENT \$ 352.00

**METHOD OF PAYMENT (check one)**1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:Deposit Account Number: 50 0626  
Deposit Account Name: Michael H. Jester☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 ☐ Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance. 37 CFR 1.311(b)2. ☒ Payment Enclosed:☒ Check ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Code	Small Entity Code	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$)

**2. EXTRA CLAIM FEES**

Large Entity Code	Small Entity Code	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 86	2201 43	Independent claims in excess of 3	
1203 290	2203 145	Multiple dependent claim	
1204 86	2204 43	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)			(\$)

\*\* or number previously paid, if greater; For Reissues, see below

Large Entity Code	Small Entity Code	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 86	2201 43	Independent claims in excess of 3	
1203 290	2203 145	Multiple dependent claim	
1204 86	2204 43	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)			(\$)

**Complete If Known**

Application Number	09/873,167
Filing Date	June 1, 2001
First Named Inventor	Michael L. Clark
Examiner Name	Christopher S. Kim
Group / Art Unit	3752
Attorney Docket No.	0095-198

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Code	Small Entity Code	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	147 2,520	For filing a request for reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for response within first month	
1252 420	2252 210	Extension for response within second month	
1253 950	2253 475	Extension for response within third month	
1254 1,480	2254 740	Extension for response within fourth month	
1255 2,010	2255 1,005	Extension for response within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive unavoidably abandoned application	
1453 1,330	2453 665	Petition to revive unintentionally abandoned application	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Petitions related to provisional applications	
1806 180	1806 180	Submission of Information Disclosure Stmt	180.00
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify) \_\_\_\_\_  
Other fee (specify) \_\_\_\_\_

SUBTOTAL (3) (\$)

\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY**

Typed or Printed Name Michael H. Jester

Signature

✓

Date

2-26-04

**COMPLETE (if applicable)**

Reg. Number 28,022

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